

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	GLASGOW (GGW)	AIRPORT REFERENCE CODE:	B-II (LG)
CITY:	GLASGOW	APPROACH TYPE:	VISUAL
CONTACT:	TOM PRATT	DATE INVENTORIED:	1-18-96
PHONE #:	228-4023	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 7/25 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	200'	250'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	240'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	250'	N/A		N/A
RUNWAY WIDTH:	75'	75' (1)		✓
RUNWAY LENGTH:	8,780' (2)		4,983'	<75%
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	OK		✓
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		HUMP		NO
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1" OVERLAY		OK
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
RUNWAY 7 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	(4)		NO
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,281.0	N/A
RUNWAY 25 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,292.3	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED NATIONAL			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 7				
DISTANCE FROM PAVEMENT EDGE:	10'	(3)		OK
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 25				
DISTANCE FROM PAVEMENT EDGE:	10'	(3)		OK
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

(1) 75' OVERLAY WITH PAINTED FOG LINES

(2) RW LENGTH OF 5,210' FOR 75% @ 60% LOAD, 6,950' FOR 75% @ 100% LOAD, 6,150' FOR 100% @ 60% LOAD, AND 8,780' FOR 100% COVERAGE @ 100% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 3,230' FOR 75%, 3,920' FOR 95% AND 4,470' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 4,983'

(80% OF THE CURRENT PRIMARY RUNWAY LENGTH IS 4,000' - CONFORMS TO THIS CRITERIA)

(80% OF THE RECOMMENDED PRIMARY RUNWAY LENGTH IS 6,980' - DOES NOT CONFORMS TO THIS CRITERIA)

(3) THRESHOLD LIGHTS DISPLACED TO SIDE OF THRESHOLD BAR

(4) FENCE IN OFA, CONSIDERING OFA LENGTH BEYOND STARTS AT STOPWAY END (FROM ALP)

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AIRPORT:	GLASGOW (GGW)	AIRPORT REFERENCE CODE:	C-II (LG)
CITY:	GLASGOW	APPROACH TYPE:	NPI
CONTACT:	TOM PRATT	DATE INVENTORIED:	1-18-96
PHONE #:	228-4023	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 12/30 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	250'	275'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	300'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	400'	N/A		N/A
RUNWAY WIDTH:	100'	100'		✓
RUNWAY LENGTH:	8,720' (1)		5,001'	<75%
RUNWAY SAFETY AREA (RSA) WIDTH:	500'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	800'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	(2)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		HUMP		NO
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	NOT RECORDED		
PAVEMENT MARKING TYPE:	NPI	NPI		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
RUNWAY 12 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	1,000'	NOT RECORDED		
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	1,000'	(3)		NO
APPROACH OBSTRUCTIONS:	34:1	NONE		✓
RUNWAY END ELEVATION:			2,286.8	N/A
RUNWAY 30 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	1,000'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	1,000'	OK		✓
APPROACH OBSTRUCTIONS:	34:1	NONE		✓
RUNWAY END ELEVATION:			2,281.5	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED - MULTIPLE BRANDS			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE/YELLOW		✓
THRESHOLD 12				
DISTANCE FROM PAVEMENT EDGE:	10'	10' (4)		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 30				
DISTANCE FROM PAVEMENT EDGE:	10'	10' (4)		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS: (1) RW LENGTH OF 5,150' FOR 75% @ 60% LOAD, 6,890' FOR 75% @ 100% LOAD, 6,090' FOR 100% @ 60% LOAD, AND 8,720' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 3,230' FOR 75%, 3,920' FOR 95%, AND 4,470' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 6,200'

(2) WEATHER STATION NEAR WIND CONE PENETRATES TRANSITIONAL SURFACE (15%)

(3) FENCE IN OFA, CONSIDERING OFA LENGTH BEYOND STARTS AT STOPWAY END (FROM ALP)

(4) THRESHOLD LIGHTS DISPLACED TO SIDE OF PAVEMENT

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	35'	35' (1)		✓
TAXIWAY SAFETY AREA WIDTH:	79'	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	131'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	NOT RECORDED		
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	15' & 10' (2)		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:		(3)		N/A
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	60' METAL TOWER EAST OF APRON AREA
SIZE OF BEACON:	36"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	25 END: ADB-ALNACO 2 BOX VASI, GOOD COND, 55' OFF PVMT 12 & 30 END: SEPACO 4 BOX VASI, GOOD COND, 55' OFF PVMT 30 END: ADB-ALNACO REIL; 12 END: GODFREY ENGINEERING REILS IN GOOD
WINDCONE (CONDITION & COMPLIANCE):	MID-FIELD, NORTH OF APRON, LIGHTED, 30', FAIR COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL SEGMENTED CIRCLE IN GOOD CONDITION
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	
SIGNS: (TYPE, CONDITION, PLACEMENT)	THIRTEEN DIRECTIONAL SIGNS ALL CROUSE-HINDS IN GOOD COND PLACED 22' OR 25' FROM PAVEMENT EDGE

COMMENTS:

(1) 65' WIDE PAVEMENT PAINTED TO 35' WIDE
(2) 15' FROM TAXIWAY EDGE STRIPE BETWEEN APRON AND RW END 7; 10' FROM TAXIWAY EDGE STRIPE BETWEEN RW END 7 AND RW END 12
(3) REFLECTORS BETWEEN APRON AND RW END 7; STAKE MTD NATIONALS BETWEEN RW END 7 AND RW END 12